ABSTRACT OF THE DISCLOSURE

The present invention provides a solution to the problems of performing transformation functions on data originating in gamma space and part of systems that do not use, or are not intended to use, gamma correction schemes. The invention provides additional stages to a transform block used by a transform function. In the scheme of the invention, each input sample has a degamma function (inverse gamma) applied to it to transform it from gamma space to linear space, prior to the transform block. The degamma function is such as to approximate the transfer function of a typical monitor. After the transform operation is applied at the transform block to produce a result, a gamma function is applied to the result to return the sample to gamma space so that the output sample is ready for further processing.